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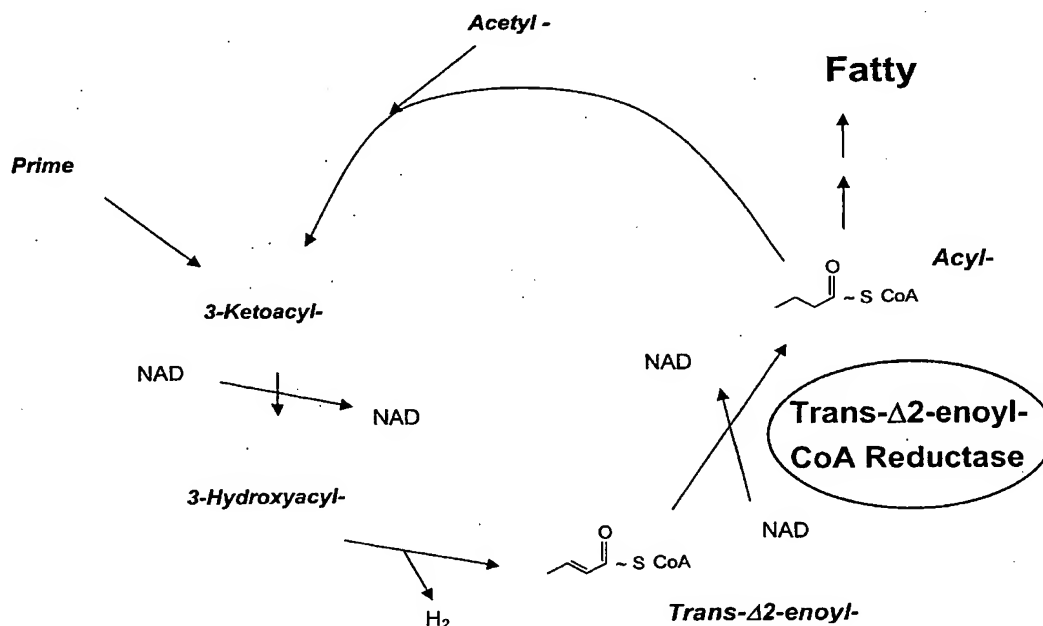
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(54) Title: TRANS-2-ENOYL-COA REDUCTASE GENE OF EUGLENA GRACILIS



(57) Abstract: The invention relates to the identification and use of a nucleic acid sequence SEQ ID NO : 1 from *Euglena gracilis* that when expressed will increase the total amount of oil (i.e. triacylglycerols, diacylglycerols, monoacylglycerols, phospholipids, waxesters and/or fatty acids) that is produced in transgenic organisms.

WO 2005/040366 A1



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